

Residential/  
Commercial  
& Industrial  
Facilities

Governmental

International

Diners  
Restaurants  
Drive Thru

Commercial  
Buildings

Educational  
Facilities

Equipment  
Shelters

Pharmaceutical

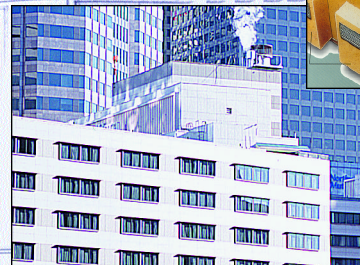
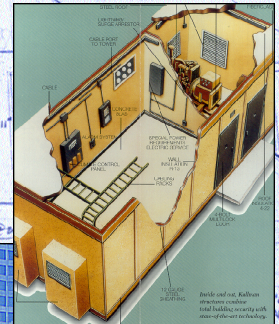
TRIANGULARWAVE TECHNOLOGIES, INC. (TWT®)

# CHEMICAL-FREE WATER TREATMENT & CONDITIONING FOR BUILDING INDUSTRY

## Provide Your Customers with an Effective Water Treatment System

Now available for the building industry, modular, residential, restaurant, finance, education, childcare, corrections, aviation, convenience store, telecommunications markets and commercial/industrial facilities. Chemical-free water treatment, conditioning, purification products and systems.

### Building A Better Way!



**DEPOSIT CONTROL • FILTRATION • DISINFECTION • PURIFICATION**

**TRIANGULAR WAVE TECHNOLOGIES FLUID MANAGEMENT SYSTEMS**

**VERSATILE FLUID MANAGEMENT SYSTEMS TO EFFECTIVELY MEET THE  
NEEDS OF ANY APPLICATION IN THE HOME OR FACILITY**

**CONTROL SCALE DEPOSITS • BACTERIA • CORROSION • ALGAE • COLLOIDS**

**VALUE ADDED TECHNOLOGY**

**Sensing Environmental Needs  
with Intelligent Solutions**

*TWT® The Ultimate in Water Treatment & Conditioning*

***The green way***



**CHEMICAL FREE**

**HARD WATER PROBLEMS SOLVED EASILY**  
**Triangular Wave Patented Deposit Control System (TWT®)**  
**Technologically Advanced Method for Water & Fluid**  
**Management...CHEMICAL-FREE**  
**Your Simple and Safe Solution**

*How the Triangular Wave System Controls Lime Scale, and Biological Deposits.*

Scale and biological deposits form when these elements "stick" to the surfaces of tubes/pipes, water tanks, heat exchangers, plumbing fixtures and other water-fed equipment. The Triangular Wave Deposit Controller charges the particles in the water so that they will not stick together or stick to any surfaces.

**Simply Said...**The TWT® Deposit Control Technology gives you the total effect of soft water without the negative consequences, and clear up the deposits you already have! **Breakthrough Technology Means...**

- Provide the effects of softened water, neutralizes calcium hardness effects in the water
- Prevents scale & slime buildup on tubes/piping and equipment surfaces
- Controls Algae and Bacteria
- Improves efficiency of all water-fed appliances and extends their life cycle
- Quickly pays for itself and continues saving (energy, water and maintenance)
- Descales the entire system over time
- Extends Life of Heating Elements
- Designed for safety: The output is safe to both personnel and equipment. There is NO ELECTRICAL CONTACT WITH THE PIPE



**TWT-5C8-472 Residential Commercial:**  
**For pipes up to 1" Voltage: 9 vdc Transformer**

**All the benefits of SOFT WATER WITHOUT THE SALT!**

- Easy to follow application and installation instructions
- Takes up minimal space and plugs into any standard outlet
- GUARANTEED



**TWT-SYS700-FS-**  
3/4" pipe size  
**TWT-SYS1200-FS-**  
1" pipe size  
 Filter Set Systems Specs:  
 Filter Housings-  
 20" Sediment filter  
 20" Carbon filter  
 Mounting Bracket  
 Filter Wrench  
 Pressure Tested



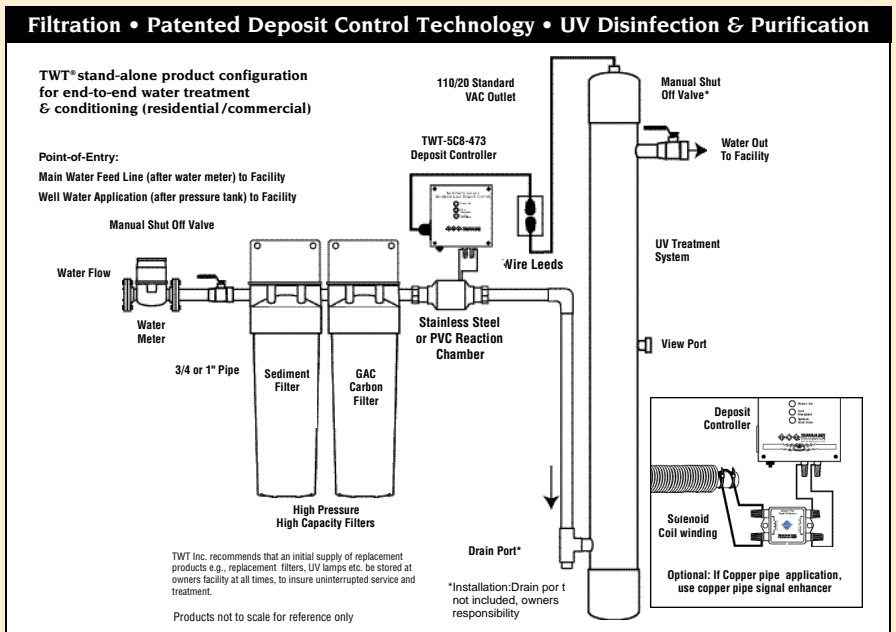
**TWT-RC**

**TWT-RC-75-**  
PVC Reaction Chamber for pipes 3/4" or less in diameter  
**TWT-RC-1-**  
PVC Reaction Chamber for pipes 1" or less in diameter

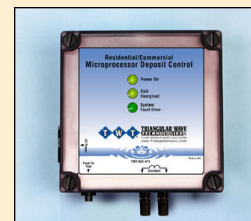


**TWT-SRC**

**TWT-SRC-75-**  
Stainless Steel Reaction Chamber for pipes 3/4" or less in diameter  
**TWT-SRC1-**  
Stainless Steel Reaction Chamber for pipes 1" or less in diameter



**TWT-5C8-472**  
 Residential / Commercial Deposit Control System For Pipes 1 inch or less in diameter  
 9 vdc transformer



**TWT-5C8-473**  
 Residential / Commercial Deposit Control System For Pipes 1 inch or less in diameter



**TWT-CSE-0227-**  
for copper pipes only 2" or less in diameter  
 The copper signal enhancer is a passive signal / impedance matching circuit. This device provides a power boost to the conditioning signal in copper pipes.



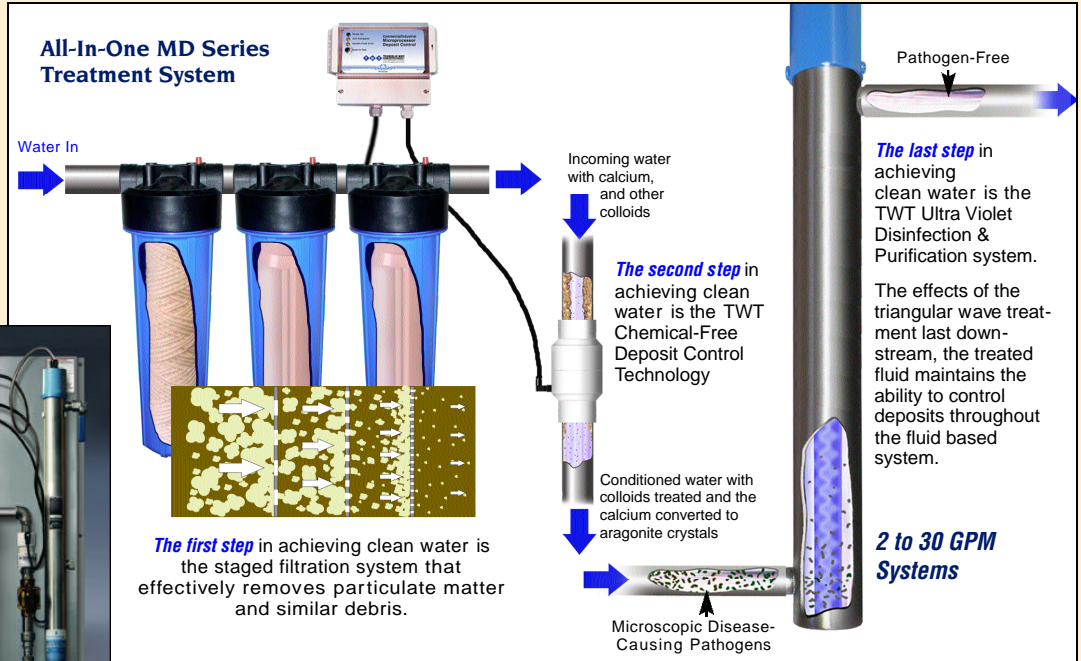
**TWT-UV250-4 GPM**  
**TWT-UV700-8 GPM**  
**TWT-UV1200-12 GPM**  
**TWT-UV1500-15 GPM**  
 Ultraviolet Disinfection System

## POE/POU TREATMENT SYSTEMS

### Factory Assembled & Mounted Fluid Management System

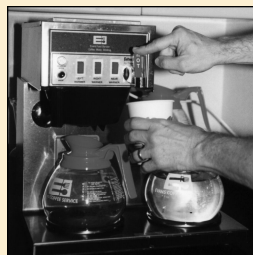
*These fluid management systems are compact, self-contained, mounted unit for the treatment of water.*

Applies all the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution. Technologically advanced method for water & fluid management. Filtration, TWT® Microprocessor Deposit Controller, Reaction Chamber, and UV Disinfection / Purification units are combined to provide a start-to-finish answer to simplified prevention, treatment and management of water line contamination dangers. TWT® solutions are scalable to fit the gpm's and water conditions you need.



**In effect, a clean, corrosion-free delivery system is restored and maintained in an environmentally safe and chemical-free manner. The result is clean pipes and tubing with no biofilm and bacterial contamination.**

### Point-Of-Use Treatment Systems for Water-Fed Appliances



Coffee, Tea, Ice and other beverage dispensers and the water lines that feed them suffer from build-up of lime scale and bio-film. Not only does this lead to unpleasant bitter tastes and odors in the beverage, the scale and bio-film become a "home" for bacteria that transfer to the beverage. The dispenser works less efficiently (costs more to run in electricity and water, and more to maintain), and has a shorter overall working life.

- **Reduces Down-Time, Maintenance and Onsite Service Costs**

#### How can the TWT Deposit Control System help?

When installed as directed by TWT, the Deposit Controller can help optimize equipment operation and will:

- Reduce and prevent scale, opening up the water flow
- Reduce bio-film as well as contaminant growth
- Improve beverage taste and appearance - lessen bitterness, oily residue, and odor
- Improve coffee/tea to "per serving" ratio, allowing for better tasting beverages
- Increase heating efficiency of coils, hot water tanks and other associated components used for brewing and serving by keeping them all cleaner
- Reduce the need for service calls - reduce labor costs
- Reduce equipment downtime, increase vends and availability of beverages
- Reduce electricity costs by lowering kilowatt usage through increased heat transfer efficiency
- Increase the life cycle of the equipment
- Provide responsible, chemical-free treatment



**TWT Patented Deposit Control Technology**



**TWT-SYSTEM4/QS4M-1 Ultra-Violet Disinfection / Purification System with Filtration**

This point-of-use purifier is designed for many different applications. The UV-4 system has combined two superior quality pre-filters that aid in the removal of sediment, bad taste and odors. This complete system produces high quality drinking water that surpasses all Health Department standards.